

Amendments to the Claims:

1. (Currently amended) A mobile device for receiving supplementary information transmitted with a radio station signal, said mobile device comprising:

means for scanning a spectrum of frequencies;

means for detecting a plurality of radio stations broadcast within said spectrum of frequencies;

means for decoding, for each of a plurality of detected radio stations, at least one piece of supplementary information broadcast in conjunction with the plurality of radio stations;

means for ~~inputting~~ receiving a search criterion;

means for generating a set of radio stations whose supplementary information matches said search criterion; and

means for ~~selecting~~ receiving a selection of one of the set of radio stations whose supplementary information matches said search criterion.

2. (Original) A mobile device as claimed in claim 1, comprising means for displaying a set of at least one piece of supplementary information, each of said at least one piece of supplementary information relating to a corresponding radio station.

3. (Original) A mobile device as claimed in claim 2, wherein said display means is suitable for concurrently displaying a plurality of elements of the set of at least one piece of supplementary information.

4. (Original) A mobile device as claimed in claim 2, wherein said display means is arranged to display only one element of the set of at least one piece of supplementary information at a time.

5. (Currently amended) A mobile device as claimed in claim 2, ~~3 or 4~~, wherein said ~~selecting~~ means for receiving a selection is arranged to ~~select~~ receive a selection of one of the plurality of radio stations from the supplementary information displayed by said display means.

6. A mobile device as claimed in ~~any preceding~~ claim 2, wherein said display means displays the set of radio stations whose supplementary information matches said search criterion.
7. (Original) A mobile device as claimed in claim 6, wherein said set of radio stations whose supplementary information matches said search criterion comprises one or more radio stations
8. (Original) A mobile device as claimed in claim 2, wherein the set of the at least one piece of supplementary information comprises a piece of supplementary information for each radio station detected having supplementary information broadcast therewith.
9. (Currently amended) A mobile device as claimed in ~~any preceding~~ claim 1, wherein said search criterion comprises at least a part of a piece of supplementary information.
10. (Currently amended) A mobile device as claimed in ~~any preceding~~ claim 1, wherein at least one piece of supplementary information received in respect of one of the plurality of radio stations comprises a station name.
11. (Currently amended) A mobile device as claimed in ~~any preceding~~ claim 1, wherein said ~~selecting~~ means for receiving a selection is arranged to interrupt said scanning means when a radio station is selected.
12. (Currently amended) A mobile device as claimed in ~~any preceding~~ claim 1, wherein the supplementary information conforms to at least one of the Radio Data System standard and the Radio Broadcasting Data System standard.
13. (Currently amended) A mobile device as claimed in ~~any preceding~~ claim 1, further comprising means for receiving and decoding the radio station signal.

14. (Currently amended) A mobile device as claimed in ~~any preceding~~ claim 1, wherein the radio station signal is an audio signal and the device comprises means for providing the audio signal to a user.

15. (Currently amended) A mobile device as claimed in ~~any preceding~~ claim 1, wherein the radio station signal is a frequency modulated signal.

16. (Currently amended) A mobile device as claimed in ~~any preceding~~ claim 1, wherein the radio station signal is an amplitude modulated signal.

17. (Currently amended) A mobile device for receiving supplementary information transmitted with a radio station signal, said mobile device comprising:

means for scanning a spectrum of frequencies;

means for detecting a plurality of radio stations broadcast within said spectrum of frequencies;

means for decoding, for each of a plurality of detected radio stations, at least one piece of supplementary information broadcast in conjunction with the plurality of radio stations;

means for storing at least one piece of supplementary information and information relating to a broadcast frequency of each of a plurality of the detected radio stations; and

means for ~~selecting~~ receiving a selection of one of the plurality of detected radio stations according to the supplementary information stored by said storing means.

18. (Currently amended) A method for selecting a radio station from a plurality of radio stations received by a mobile device, comprising:

scanning a spectrum of frequencies;

detecting a plurality of radio stations broadcast within said spectrum of frequencies;

decoding for each of a plurality of detected radio stations, at least one piece of supplementary information broadcast in conjunction with the plurality of radio stations;

storing at least one piece of supplementary information and information relating to a broadcast frequency of each of a plurality of the detected radio stations; and

~~selecting~~ receiving a selection of one of the plurality of detected radio stations according to the supplementary information stored.

19. (Original) A method as claimed in claim 19, comprising the step of:
displaying a set of at least one piece of supplementary information, each of said at least one piece of supplementary information relating to a corresponding radio station.